

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2005/000046

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: F04B 43/06, 43/067, 45/053

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See below under "Electronic databases searched"

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU : IPC F04B 43/06, 43/067

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI : IPC : F04B 43/06, 43/067, 45/053 with keywords +stable and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5669764 A (BEHRINGER et al.) 23 September 1997	
Y	The whole document	1-13, 16-18
	The whole document	14, 15
X	US 4755111 A (COCCHI et al.) 5 July 1988	
	The whole document	1-13, 16-18
X	US 2821930 A (SMITH) 4 February 1958	
	The whole document	1-13, 16-18
Y	US 3955901 A (HAMILTON) 11 May 1976	
	Column 6, lines 55-61	14



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

1 June 2005

Date of mailing of the international search report

- 8 JUN 2005

Name and mailing address of the ISA/AU

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2005/000046

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 3093086 A (ALTOZ et al.) 11 June 1963 Figures 2, 3 and accompanying description	15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2005/000046

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	5669764	AU	32924/95	CA	2159434	EP	0705978
		EP	0822401	IL	115327	JP	8210256
		JP	10132732	NO	953980	US	5691486
		US	5788927	US	5902096	US	5908599
		US	5934885				
US	4755111	AU	73826/87	DK	293687	EP	0250026
		JP	62291483	NO	872370		
US	2821930						
US	3955901	AU	74452/74	BE	821375	CA	1004914
		DE	2448490	DK	551874	ES	431237
		FR	2248425	GB	1433758	JP	50073205
		LU	71163	NL	7413275	SE	7413346
		ZA	7405951				
US	3093086						
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 388-14PCT	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/NZ2005/000046	International filing date (<i>day/month/year</i>) 18 March 2005	(Earliest) Priority Date (<i>day/month/year</i>) 18 March 2004
Applicant PRECISION DISPENSING SYSTEMS LIMITED et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II).

3. ☐ **Unity of invention is lacking** (See Box No. III).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

A MEMBRANE PUMP

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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Date of the actual completion of the international search 1 June 2005		Date of mailing of the international search report - 8 JUN 2005
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer ASANKA PERERA Telephone No : (02) 6283 2373

INTERNATIONAL SEARCH REPORT

International application No.

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